

FIG. 1

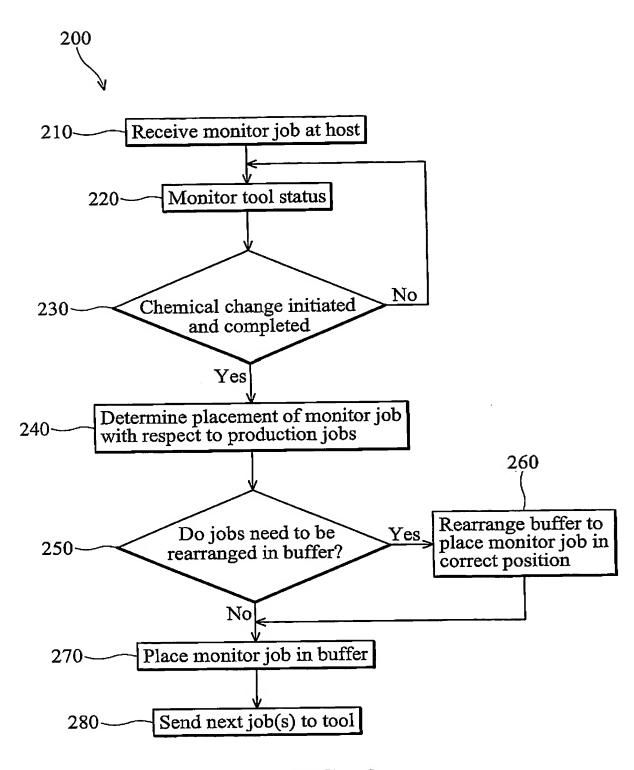


FIG. 2

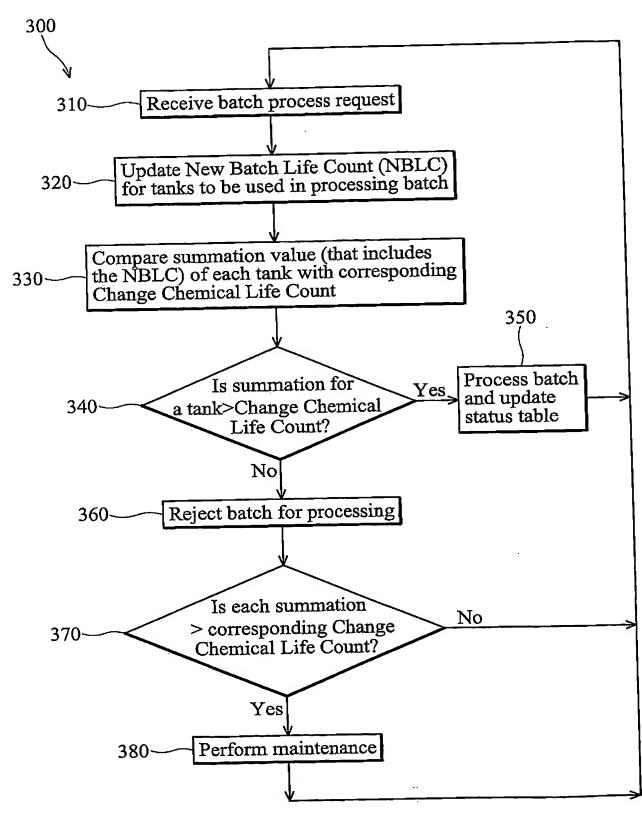


FIG. 3

Add Batch1: Tank1->Tank2->Tank3 Tank3 Tank2 Tank1 402-Tank3 Tank2 Tank1 404 Tank2 Tank3 Tank1 406~→ 0 Life Count 408~ 0 0 0 History Life Count 410~ Batch Level Life Count (LC-HLC) 1 0 0 412~ 0 0 Processing Batch Life Count 0 414-0 Waiting Batch Life Count 0 0 416-1 1 1 New Batch Life Count 418~ 2 BLLC+PBLC+WBLC+NBLC 1 1 420~ Change Chemical Life Count 3 422~

FIG. 4a

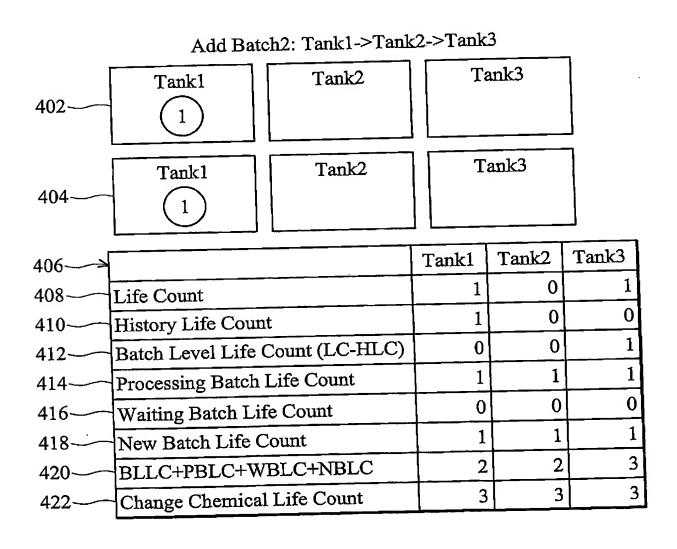


FIG. 4b

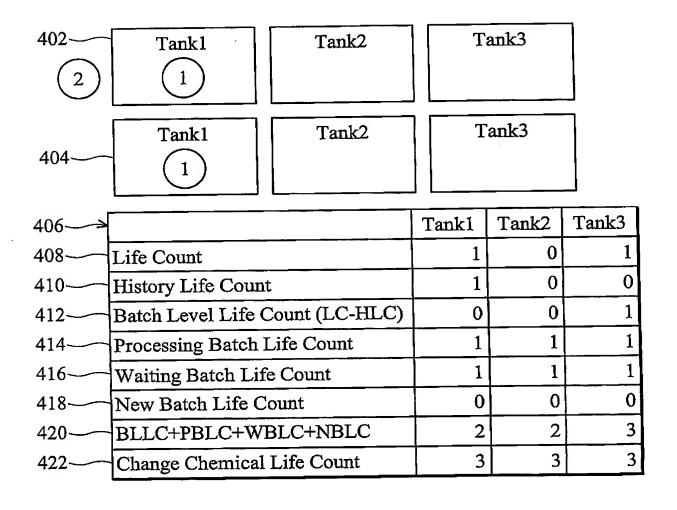


FIG. 4c

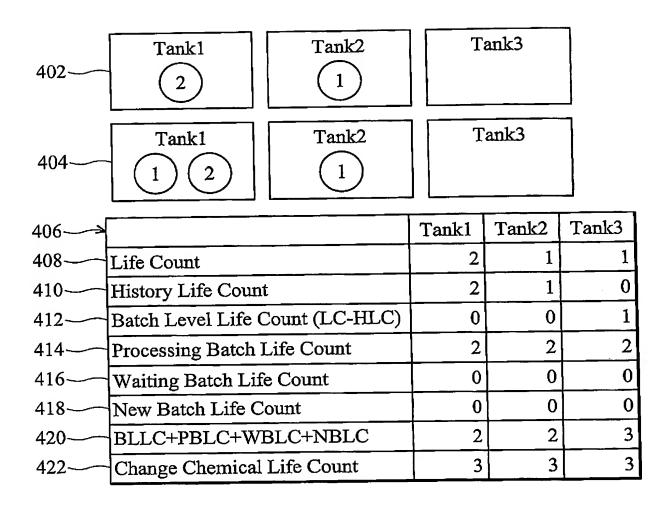


FIG. 4d

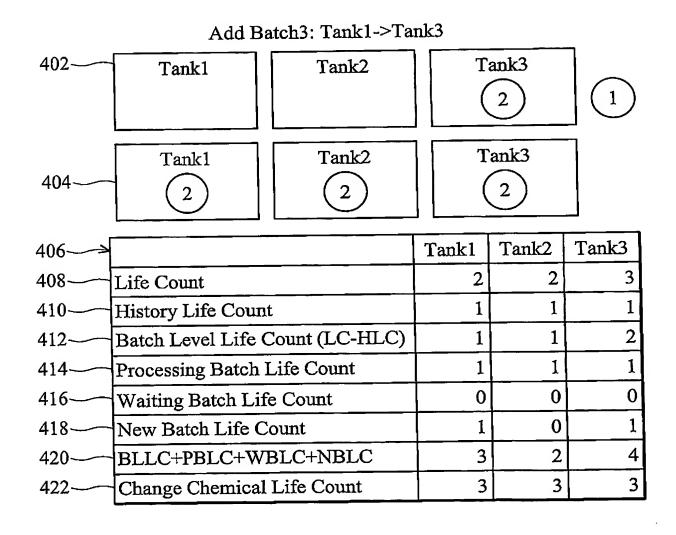


FIG. 4e

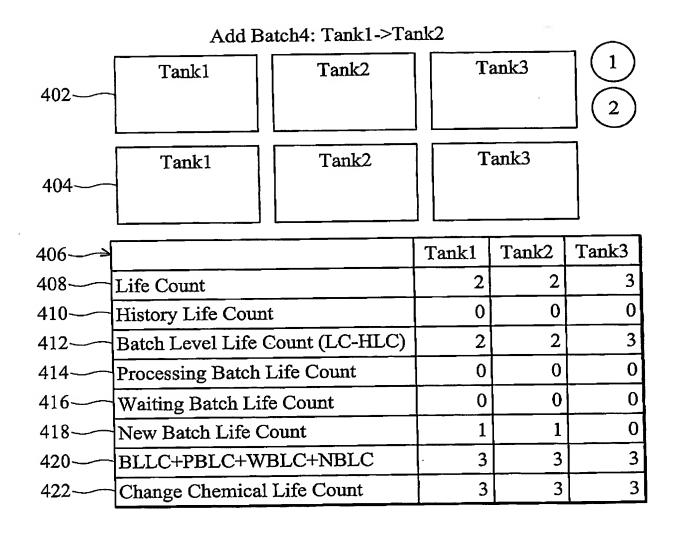


FIG. 4f

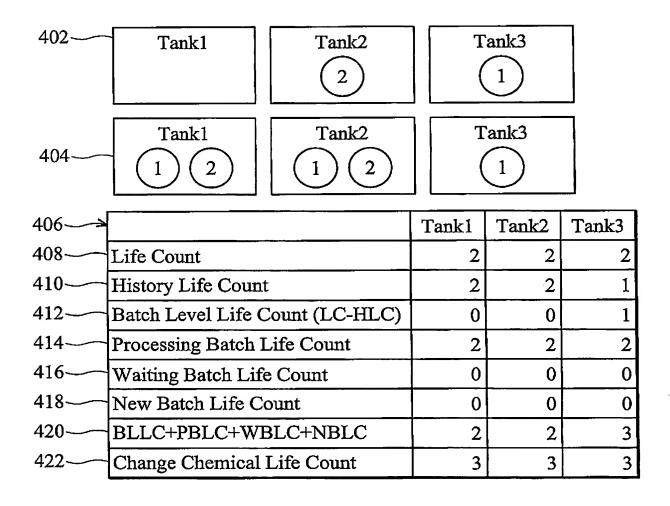


FIG. 4g

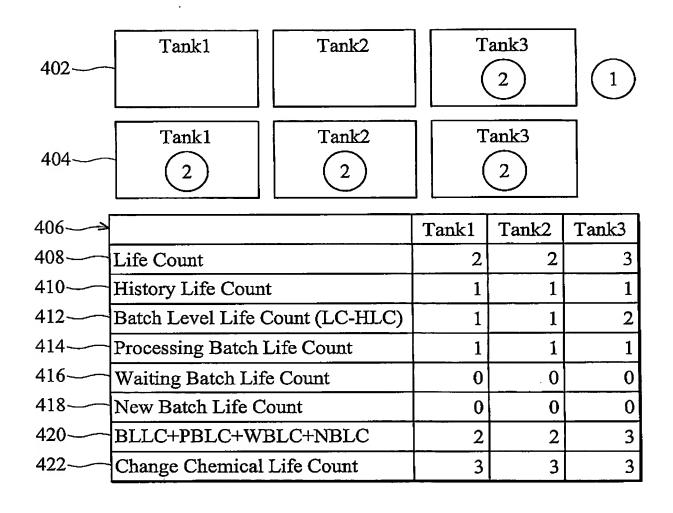


FIG. 4h